Geographical Society of New South Wales

AUSTRALIAN GEOGRAPHER

Volume 14 **1978-1980**

edited by

PHILIP TILLEY and BARRY GARNER

in collaboration with

J. N. Jennings and R. Jackson

SYDNEY UNIVERSITY PRESS

Copyright: Geographical Society of New South Wales ©
P.O. Box 328, North Ryde, N.S.W. 2113

AT. ISSN 0004-9182

Printed by Wright and Carman Ltd
Upper Hutt, New Zealand

INDEX

ARTICLES

	Issue	Page
RIAN, C. and WATSON, J.: Location-Allocation Modelling of the Lower Clarence, N.S.W. Sugar Cane Distribution System	5	295
pects of the Thermal Regime at Cooleman Plain, N.S.W.: J. N. Jennings	3	166
stralian Geographer: Retrospect and Prospect: Philip Tilley	3	139
CZKOWSKI, D. M.: Viral Hepatitis in Metropolitan Sydney	5	285
D, Juliet F.: The Nineteenth-Century Soap Industry and its Exploitation of Intertidal Vegetation in Eastern Australia	1	38
ACKBURN, G. and HUTTON, J. T.: Soil Conditions and the Occurrence of Salt Damp in Buildings of Metropolitan Adelaide	6	360
e Bowman, Huntington and Taylor Correspondence, 1928: J. M. Powell	2	123
RDESS, N.: Variations in Municipal Electorate Size in New South Wales	5	278
e Changing Residential Role of the Inner City: The Example of Inner Melbourne: C. A. Maher	2	112
LE, P. J. and WATSON, K. A.: A Method of Storage and Rapid Retrieval of Soil Survey Data	1	41
NACHER, A. J.: Some Thoughts about Future Development/Directions in Environmental Studies by Geographers in Australia	2	68
NACHER, A. J.: Water Quality and Forests in Southwestern Australia: Review and Evaluation	3	150
ntainerization and the Port of Hong Kong in the 1970s: Ross Robinson and David Chu	2	98
itique of Shift and Share Analyses of Australian Urban and Regional Growth: J. Vipond and P. Forward	4	228
sertification and the Future of the Arid Lands: J. A. Mabbutt	3	141
veloping a State Land Resources Inventory: An Example from South Australia: P. Laut	4	237
stribution of Relic 'Lands' or Strip Fields in South Australia: C. R. Twidale and Jennifer A. Bourne	1	22
OUGLAS, I.: Future Trends in Geographical Hydrology and Climatology	2	65
rly North Queensland Housing as Response to Environment: C. R. Sumner and J. Oliver	1	14
EETON, M. W.: Public and Private Adjustment to the Bush Fire Hazard in Australia	6	350
rmation and Distribution of Sand Fulgurites: J. E. Glover	3	172
ture Developments in Urban Geography: M. I. Logan	2	66
ture Trends in Coastal Geomorphology: B. G. Thom	2	64
ture Trends in Geographical Hydrology and Climatology: I. Douglas	2	65
LLOWAY, R. W. and BAHR, M. E.: What is the Length of the Australian Coast?	4	244
netic Variety in A-Tents and Related Features: J. N. Jennings	1	34
e Geography of Development: Some Thoughts for the Future: T. G. McGee	2	69
OVER, J. E.: Formation and Distribution of Sand Fulgurites	3	172
LL, Robin: Teaching Humanistic Geography	1	7
e Haunting of Saloman's House: J. M. Powell	6	327
storical Geography in the Future: D. N. Jeans	2	67
age and Reality: Initial Assessments of Soil Fertility in New Zealand 1839-55	3	160
CKSON, R.: Running Down the Up-Escalator: Regional Inequality in Papua New Guinea	3	175
ANS, D. N.: Historical Geography in the Future	2	67
ANS, D. N.: Use of Historical Evidence for Vegetation Mapping in N.S.W.	2	93
JEANS, D. N.: Some Literary Examples of Descriptions of Place	4	207
JENNINGS, J. N.: Genetic Variety in A-Tents and Related Features	1	34
JENNINGS, J. N.: Aspects of the Thermal Regime at Cooleman Plain, N.S.W.	3	166
JOHNSTON, Judith A.: Image and Reality: Initial Assessments of Soil Fertility in New Zealand 1839-55	3	160
Land Use, Productivity and Population Change in South Australia 1961-71: Joseph Uyanga	1	30
LAUT, P.: Developing a State Land Resources Inventory: An Example from South Australia	4	237
Location-Allocation Modelling of the Lower Clarence, N.S.W. Sugar Cane Distribution System: C. Adrian and J. Watson	5	295
LOGAN, M. I.: Future Developments in Urban Geography	2	66
MABBUTT, J. A.: Desertification and the Future of the Arid Lands	3	141
MACKENZIE, I.: Structure and Spatial Diversification of the Australian Fruit and Vegetable Processing Industry	4	214
MAHER, C. A.: The Changing Residential Role of the Inner City: The Example of Inner Melbourne	2	112
A Method of Storage and Rapid Retrieval of Soil Survey Data: P. J. Cole and K. A. Watson	1	41
MCGEE, T. G.: The Geography of Development: Some Thoughts for the Future	2	69
The Nineteenth-Century Soap Industry and its Exploitation of Intertidal Vegetation in Eastern Australia: Juliet F. Bird	1	38
Palaeoclimates of Geographical Thought: O. H. K. Spate	1	1
POWELL, J. M.: The Bowman, Huntington and Taylor Correspondence, 1928	2	123
POWELL, J. M.: The Haunting of Saloman's House	6	327
Public and Private Adjustment to the Bush Fire Hazard in Australia: M. W. Fleeton	6	350
Recent Urban Growth in Papua New Guinea: R. Skeldon	5	267
ROBINSON, Ross and CHU, David: Containerization and the Port of Hong Kong in the 1970's	2	98
Running Down the Up-Escalator: Regional Inequality in Papua New Guinea: Richard Jackson	3	175
SKELDON, R.: Recent Urban Growth in Papua New Guinea	5	267
Soil Conditions and the Occurrence of Salt Damp in Buildings of Metropolitan Adelaide: G. Blackburn and J. T. Hutton	6	360
Some Literary Examples of Humanistic Descriptions of Place: D. N. Jeans	4	207
Some Thoughts about Future Development/Directions in Environmental Studies by Geographers in Australia: A. J. Conacher	2	68
SPATE, O. H. K.: Palaeoclimates of Geographical Thought	1	1
Spatial Bias in Australian News Reporting: D. J. Walmsley	6	342
Structure and Spatial Diversification of the Australian Fruit and Vegetable Processing Industry: I. Mackenzie	4	214
The Study of Landform Evolution in the Sydney Region: A Review: R. W. Young	2	71
SUMNER, C. R. and OLIVER, J.: Early North Queensland Housing as Response to Environment	1	14
Teaching Humanistic Geography: Robin Hall	1	7
THOM, B. G.: Future Trends in Coastal Geomorphology	2	64
TILLEY, P.: *Australian Geographer:* Retrospect and Prospect	3	139
TWIDALE, C. R. and BOURNE, Jennifer A.: Distribution of Relic 'Lands' or Strip Fields in South Australia	1	22

	Issue	Page
Use of Historical Evidence for Vegetation Mapping in N.S.W. D. N. Jeans	2	93
UYANGA, Joseph: Land Use, Productivity and Population Change in South Australia	1	30
Variations in Municipal Electorate Size in New South Wales: N. Burdess	5	278
VIPOND, J. and FORWARD, P.: Critique of Shift and Share Analyses of Australian Urban and Regional Growth	4	228
Viral Hepatitis in Metropolitan Sydney: D. M. Baczkowski	5	285
WALMSLEY, D. J.: Spatial Bias in Australian News Reporting	6	342
Water Quality and Forests in Southwestern Australia: Review and Evaluation: A. J. Conacher	3	150
What is the Length of the Australian Coast? R. W. Galloway and M. E. Bahr	4	244
WILLIAMS, Martin: Whither Australian Geomorphology?	2	63
YOUNG, R. W.: The Study of Landform Evolution in the Sydney Region: A Review	2	71

PAPUA NEW GUINEA SCENE

Distribution of Educational Opportunities at Tertiary Level in Papua New Guinea (No. 16): *Sheldon G. Weeks*	1	46
Papua New Guinea's Trade Patterns since Independence (No. 17): *Richard Jackson*	4	251
Land Use and Population Studies for Rural Development in the Southern Highlands (No. 18): *Andrew W. Wood and Bryant J. Allen*	5	308
Environmental Legislation in Papua New Guinea (No. 19): *A. P. Spenceley*	6	371

AUSTRALIAN LANDFORM EXAMPLES

Zetaform or Logarithmic Spiral Beach (No. 32): *D. M. Chapman*	1	44
Leveed Debris Flow (No. 33): *R. J. Wasson*	2	125
Pool and Drain Morphology: An Assemblage of Ephemeral Landforms from the Upper Swash Zone of a Sandy Beach (No. 34): *I. Eliot*	3	184
Deltaic Barrier Spit (No. 35): *David Hopley*	4	248
Explosion Cavities in Lava Flows (No. 36): *R. A. Facer*	5	306
Glacial Diversion of Drainage (No. 37): *Eric A. Colhoun*	6	365
Castellated Inselberg (No. 38): *C. R. Twidale*	6	368

REVIEWS

ABLER, R. (ed.): *A comparative Atlas of America's Great Cities* (Ronald J. Horvath)	4	259
ADAMS, J. S. (ed.): *Urban Policymaking and Metropolitan Dynamics* (Ronald J. Horvath)	4	259
ADAMS, J. S. (ed.): *Contemporary Metropolitan America* (Ronald J. Horvath)	4	259
ALEXANDER, I. C.: *Offices in the Suburbs* (S. R. Walker)	5	313
ALLCHIN, B. *et al.: The Prehistory and Palaeogeography of the Great Indian Desert* (M. A. J. Williams)	5	323
AULICIEMS, A.: *Spatial, Temporal and Human Dimensions of Air Pollution in Brisbane* (M. Nunez)	6	379
BATTY, M.: *Urban Modelling* (John Langdale)	3	196
BAYLISS-SMITH, T. and FEACHEM, R.: *Subsistence and Survival, Rural Ecology in the Pacific* (David Lea)	3	200
BEARD, J. S.: *Vegetation of the Murchison Region* (J. R. Dodson)	2	134
BEAUMONT, P. *et al.: The Middle East* (John Rutherford)	1	55
BLACKSELL, M.: *Post-War Europe: A Political Geography* (B. B. Hewitt)	3	197
BLUME, H.: *U.S.A. Eine geographische Landeskunde* (R. S. Mathieson)	6	384
BOATENG, A.: *A Political Geography of Africa* (J. R. V. Prescott)	4	260
BOOKER, M.: *Last Quarter* (David Lea)	4	256
BOSTOCK, W. W.: *Alternatives of Ethnicity: Immigrants and Aborigines in Anglo-Saxon Australia* (I. H. Burnley)	3	
BOWMAN, M. J. and ESAIAS, W. E. (eds): *Oceanic Fronts in Coastal Processes* (L. D. Wright)	4	
BRICE, W. C. (ed.): *The Environmental History of the Near and Middle East* (M. A. J. Williams)	5	
BROWN, P.: *Highland Peoples of New Guinea* (Lawrence S. Grossman)	6	
BURNSIDE, C. D: *Mapping from Aerial Photographs* (G. J. F. Holden)	6	
BUREAU OF INDUSTRY ECONOMICS: *Economic Significance of Tourism in Australia* (Malcolm Cooper)	6	
CAMPBELL, K. O.: *Food for the Future* (C. Barlow)	6	
CANTER, D.: *The Psychology of Place* (Robert K. Murfet)	5	
CHRISTOPHER, A. J.: *Southern Africa* (D. N. Jeans)	2	
CLAYTON, K.: *Coastal Geomorphology* (A. D. Short)	6	
CLOUT, H. D. (ed.): *Themes in the Historical Geography of France* (D. N. Jeans)	3	
COALDRAKE, O. P.: *Relocating Government Employment* (C. L. Keys)	6	
COOKE, R. V. and REEVES, R. W.: *Arroyos and Environmental Change in the American South-west* (T. Langford-Smith)	3	
DAHLKE, J.: *Der Westaustralische Wirtschaftsraum* (D. R. Scott)	1	
DAVIDSON, F. G. and STEWARDSON, B. R.: *Economics and Australian Industry* (David Wadley)	6	
DAVIES, J. L. and WILLIAMS, M. A. J. (eds): *Landscape Evolution in Australasia* (David Hopley)	4	
DAVIS, R. A. (ed.): *Coastal Sedimentary Environments* (J. L. Davies)	6	
DERBYSHIRE, E.: *Geomorphology and Climate* (G. H. Dury)	1	
DICKENSON, J. P.: *Brazil* (R. S. Mathieson)	6	
DOUGLAS, I.: *Humid Landforms* (B. G. Thom)	2	
ELLIOTT, M., (ed.): *Ground for Concern, Australia's Uranium and Human Survival* (Peter Phibbs)	3	
FISCHER, C. S.: *Networks and Places: Social Relations in the Urban Setting* (Trevor Lee)	5	
FOLMER, H. F. and VOSTERHAVEN, J. (eds): *Spatial Inequalities and Regional Development* (Bob Fagan)	6	
GALE, S. and OLSON, G. (eds): *Philosophy in Geography* (Jim Walmsley)	6	
GARNAUT, R. *et al.: Employment, Income and Migration in Papua New Guinea Towns* (R. T. Jackson)	3	
GEE, H. and FENTON, J. (eds): *The South-West Book: A Tasmanian Wilderness.* (J. N. Jennings)	6	
GENTILLI, J. (ed.): *Western Landscapes* (J. L. Davies)	6	
GETIS, A. and BOOTS, B.: *Models of Spatial Processes* (John Forster)	3	
GOUDIE, A. and WILKINSON, J.: *The Warm Desert Environment* (J. A. Mabbutt)	2	
GREGORY, D.: *Ideology, Science and Human Geography* (J. H. Holmes)	4	
GUGLER, J. and FLANAGAN, W. G.: *Urbanization and Social Change in West Africa* (B. S. Hoyle)	5	
HAGGETT, P. *et al.: Locational Analysis in Human Geography* (John Forster)	3	
HAILS, J. R. (ed.): *Applied Geography* (J. L. Davies)	4	
HALL, P. (ed.): *Europe 2000* (Sol Encel)	3	
HARRIES, K. D. and BRUNN, S. D. (eds): *The Geography of Laws and Justice* (Terry G. Birtles)	5	
HASTENRATH, S. and LAMB, P. J.: *Climatic Atlas of the Tropical Atlantic and Eastern Pacific Oceans* (Jack Hobbs)	1	
HENSHER, D. A.: *Urban Transport Economics* (Andy Holsman)	2	
HEWINGS, G. J. D.: *Regional Industrial Analysis and Development* (Morgan Sant)	3	

	Issue	Page
NS, D. N. (ed.): *Australia — A Geography* (J. M. Powell)	3	187
INSON, B. L. C.: *India: Resources and Development* (P. Irwin)	5	317
INSON, B. L. C.: *Pakistan* (Graham H. Lawton)	6	381
INSON, R. J.: *People, Places and Votes* (Frank Williamson)	1	52
ES, C. (ed.): *Urban Deprivation and the Inner City* (C. A. Maher)	6	386
DAN, T. G. and ROWNTREE, L.: *The Human Mosaic* (Murray McCaskill)	2	137
LY, M. (ed.): *Nineteenth-Century Sydney* (Louise Johnson)	5	312
NGFORD-SMITH, T. (ed.): *Silcrete in Australia* (R. A. Pullen)	5	316
, D. A. M. *et al.* (eds): *An Atlas of New England* (J. H. Holmes)	1	51
INE, H. B. and LEVINE, M. W.: *Urbanization in Papua New Guinea* (Richard Jackson)	5	317
ACRE, E. and HOBBS, J.: *The Australian Climatic Environment* (J. Gentilli)	5	315
GE, G. J. R. (ed.): *Restructuring Employment Opportunities in Australia* (Peter Robins)	2	131
TZ, J. and SIMONETT, D. S.: *Remote Sensing of Environment* (A. J. Parsons)	3	202
FFLER, E.: *Geomorphology of Papua New Guinea* (R. J. Blong)	4	256
WENTHAL, D. and BOWDEN, M. J. (eds): *Geographies of the Mind* (O. H. K. Spate)	1	61
BBUTT, J. A.: *Desert Landforms* (T. Langford-Smith)	3	193
INGUET, M.: *Le Modele des Gres* (M. A. J. Williams)	1	60
NNING, I.: *The Journey to Work* (Kevin O'Connor)	4	261
NSHARD, W.: *Die Stadte des Tropischen Afrika* (H. Blume)	4	260
NZOOR ALAM, S. and POKSHISHEVSKY, V. V. (eds): *Urbanization in Developing Countries* (A. J. Rose)	2	135
SSER, I. and BROWN, P.: *Spatial Representation and Spatial Interaction* (J. Forster)	4	258
COY, K.: *Landscape Planning for a New Australian Town* (Allan Correy)	1	53
DONALD, G. T.: *Brisbane at the Census* (C. L. Keys)	3	189
GLASHAN, N. D. (ed.): *Studies in Australian Mortality* (M. G. A. Wilson)	2	130
KAY, D. H. and COX, A. W.: *The Politics of Urban Change* (Morgan Sant)	5	322
MASTER, J. C. and WEBB, G. R. (eds): *Australian Urban Economics* (D. J. Webb)	2	129
QUILTON, J.: *The Kelly Outbreak 1878-1880* (D. N. Jeans)	5	314
RCER, D. (ed.): *Leisure and Recreation* (Barry O'Rourke)	5	314
DDLETON, G. J.: *Wilderness Caves of the Gordon-Franklin River System* (J. N. Jennings)	6	373
RGAN, W. T. W.: *East Africa* (Richard Jackson)	1	55
SELEY, M. J.: *Accessibility: The Rural Challenge* (Barry J. Garner)	5	320
TIONAL DEVELOPMENT, DEPT. OF AUSTRALIA: *Atlas of Australian Resources (Second Series) Natural Vegetation* (J. Gentilli)	1	50
TIONAL DEVELOPMENT AND ENERGY, DEPT. OF AUSTRALIA: *Variability of Runoff in Australia* (Ian Douglas)	6	380
UTZE, M.: *Urban Development in Australia* (C. A. Maher)	2	129
UTZE, M.: *Australian Urban Policy* (Richard Cardew)	5	311
, D.: *The Semi-Arid World* (T. Langford-Smith)	1	56
Z, H-J. (ed.): *Landerschliessung und Kulturlandschaftswandel an den Siedlungsgrenzen der Erde* (Gisela Heathcote)	1	56
ER, O. E.: *New Towns in Isolated Settings* (Clive Forster)	3	190
PATERSON, I. G. *et al.*: *The Changing Rural Environment* (Graeme Hugo)	6	374
PAWSON, E.: *Transport and Economy* (Peter J. Rimmer)	3	199
PAYNE, G. K.: *Urban Housing in the Third World* (David Drakakis-Smith)	2	136
PEARS, N.: *Basic Biogeography* (David Gilbertson)	1	58
PERRY, A. H. and WALKER, J. M.: *The Ocean-Atmosphere System* (Hans Schneider)	5	325
PITTOCK, A. B. *et al.* (eds): *Climatic Change and Variability: A Southern Perspective* (M. A. J. Williams)	5	323
POCOCK, D. and HUDSON, R.: *Images of the Urban Environment* (Jim Walmsley)	5	318
PORTEOUS, J. D.: *Environment and Behaviour* (Robert K. Murfet)	3	202
PORTER, E.: *Antarctica* (Phillip Law)	6	382
POWELL, J. M.: *Environmental Management in Australia, 1788-1914* (A. Shepherd)	3	191
POWELL, J. M.: *Mirrors of the New World: Images and Image Makers in the Settlement Process* (D. N. Jeans)	3	192
PRESCOTT, J. R. V.: *Boundaries and Frontiers* (A. D. Cooper)	5	322
ROBINSON, R. (ed.): *Urban Illawarra* (J. Forrest)	2	132
ROWLAND, D. T.: *Internal Migration in Australia* (I. H. Burnley)	5	315
RUSSELL, J. S. and GREACEN, E. L. (eds): *Soil Factors in Crop Production in a Semi-Arid Environment* (M. D. Melville)	2	134
RUTZ, W.: *Indonesien: Verkerhrerschliessung einer Ausseninsel* (Peter J. Rimmer)	3	199
SCOTT, H. I.: *Development of Landform Studies in Australia* (R. W. Young)	4	254
SCOTT, P. (ed.): *Australian Cities and Public Policy* (M. T. Daly)	6	376
SEDDON, G. and DAVIS, M. (eds): *Man and Landscape in Australia* (D. N. Jeans)	1	53
SMITH, D. M.: *Patterns in Human Geography* (Peter L. Simons)	1	57
DE SOLA POOL, I.: *The Social Impact of the Telephone* (John Langdale)	5	321
SOLOMON, R. J.: *Urbanisation: The Evolution of an Australian Capital* (A. J. Rose)	6	377
SPEARRITT, P.: *Sydney Since the Twenties* (Peter L. Simons)	5	312
STARKIE, D. N. M.: *Transportation Planning, Policy and Analysis* (Peter J. Rimmer)	3	198
STRETTON, H.: *Ideas for Australian Cities* (Morgan Sant)	1	54
STRETTON, H.: *Capitalism, Socialism and the Environment* (Craig Duncan)	3	191
TAYLOR, P. J. and JOHNSTON, R. J.: *The Geography of Elections* (Robert J. Hermann)	6	386
TIMMS D. W. G.: *The Urban Mosaic* (I. H. Burnley)	2	136
VERSTAPPEN, H. T.: *Remote Sensing in Geomorphology* (Tony Parsons)	6	387
WARD, D. (ed.): *Geographic Perspectives on America's Past* (J. M. Powell)	6	384
WARD, R.: *Floods* (S. J. Riley)	5	324
WEST, E. A.: *The Equilibrium of Natural Streams* (G. H. Dury)	4	261
WILKIE, A.: *Wilkie's Weather* (Jack Hobbs)	1	59
YEATES, M. and GARNER, B.: *The North American City* (Peter Hall)	1	57
YEH, S. H. K. and LAQUIAN, A. A. (eds): *Housing Asia's Millions* (C. Tong Wu)	6	385

SOCIETY NEWS

The Macdonald Holmes Medal 1977: D. S. Biddle *et al.*	2	127
Research Papers	2	138